

Lorraine's



7/20/00 VBI70 Working Group
ATSDR → Looking at max values → Celia questioned David's approach bc it comes out to higher values (more conservative) —
Want David to talk to Bonnie/Celia/State about using the approach they have selected which is less conservative — David thinks his approach is more accurate → David approach might have 100 homes, EPA 200 → David is willing to discuss this but feels that his approach is more accurate.
EPA did statistical statement (ISSF?) based on compositing + 3 tier test → Process = decide how will use data b/4 testing.

ATSDR does risk based process
EPA/ATSDR can compare lists (of houses) to see how it differs or is the same — Bonnie says data is set in stone — Celia says to consider 2 diff populations (high + low concent)
David has done regression analysis for lower concentrations — Celia says correctly that his process will be used to decide where to draw the line — Question is, which graph is more accurate — Asarco rep says XRF is giving higher values + cd "scr" the results —

7/20/00 VBI70

Env. Hlth Intv Project → Avail Sessions - hear
from Res - set up clinic 8/22 + 8/23 -

8/22 - 6-9 pm → 8/23 → 10-2 pm JW Rec →
Will do Cole + Clayton later → Will also

do exposure, must for hair/urine → C+C,
Harrington, 8/21 6-9¹⁰⁻² pm will do collections

8/22 4-7 Harrington return urine samples

Corraine thinks 100 ppm in soil is worth being
concerned about (An response to Bonnie's
concerns that peo may be alarmed) L. said

that peo deserve full info + opportunities

+ That it is up to peo to decide how

to receive or respond to the information.

Bob Little → shld offer to everyone bc they've

"never had a groundswell" of peo participating
(pointed out this more extensive - ~~eg~~

ie provided, clinic/diagnosis, provider referral
DM says have consultant to do indoor dust sampling
entranceway, major activity area, child bedroom - well

vacuum + wipe for samples - DM will send
copy of protocol to Bonnie - Celia wants

David to use same protocols - EPA uses

whole ^{super} vacuum - he disagrees w/ this method -

DM agreed w/ Bonnie that no one thought to

call the RPM (Bonnie) Bonnie unhappy

that David has not be communicating

about his thoughts, plans

7/20/00 UBI70 Wk Group

B - D targeting highest level homes - what about lower level homes - David says recognize limitations of this type of sampling - Problem is can only test small # of kids - Want to find out if there is a real problem that we're not seeing - ~~New doctor~~ → policy is always to look at high levels of exposure - Base health risk for rest of pop on these tests - DM - ATSDR dev. fact sheet on soil pica issues + maybe fact sheet on health affects of As in the UBI70 area - This mo - Will take comments

* Laurel again raised issue of inhalation as a pathway - This will be living space dust - Laurel again raises issue of exposure thru inhalation

North Den Enforcement Initiative - Brenda, EPA
(Now N Den Env. Initiative)

Goals: ① Assure compliance w/ env. statutes

Hired more inspectors ② Pull Priv. together w/ COPHE

Lot of negotiations ③ Comm + collab w/ other agencies + cnty → All is still in progress
Carol Fushkin still mtg w/ Den/Tri Cty, etc.

Boundaries 64th (N) Dahlia (E) MLK (So)
Pecos (W)

Progress 63 planned inspections thru
Sept - 26 completed

UBI-70 Wk Group

EPA - ^{Progress} H₂O has gone out - Project has been extended for another year - will do FFIRA inspections, storm H₂O + permitting, underground injection control incl.

junkyards (have new regs for 6rd H₂O)

Air + H₂O delegated to state who delegate to city - EPA trying to coordinate ->

Have Wk Plan - will be getting comments

-> Future -> Cont. agency mtgs, bld partnerships, get org for next year - Have Phase I (00), Phase III (01) - If find violations, take enforcement actions + use Seps. Limit on info which can be shared.

-> Ultimate Effect -> know sources are in compliance or will get there -> for uninspected, a deterrent effect. Cmty very visible to EPA/State - cld focus more resources on this area

Bonnie - Risk Assessment / Bio Avail Study

- Want review + comment by 8/24

- Looking at risks re: As + Pb (start w/ worker)

- Eval. inhalation pathway - indicates that rd. risk indicate that inhalation very low, soil higher

Did garden veg RA - 0819 properties, about 5 prep had risks assoc w/ eating veg than approached unacceptable range

* Mapped these properties - Have maps, will share later

~~used highest composite (C) map~~
 a hot spot

Used Phase IIIA (ver 95%) - to data to

AS	161	166
AS	49	54

Hot spot
 sub acute
 chronic

Hazard quotient
 (dose above 1 = > than safe dose)

- # prep > 10^-4 = 0
- " " 10^-5 - 10^-4 = 124
- " " < 10^-5 = 1424
- Reasonable Max Exposure
- # prep > 10^-4 = 112
- " " 10^-5 - 10^-4 = 999
- " " < 10^-5 = 441
- Hot spot - risk over time (120 days)

potential acute effects

VR170 UK Prep - focus on AS - looking at avg exposure - Cancer Risks Phase 3A Data

UBI 70 Wk Group

Pb RA - Ran a model predicting Pb blood level at 400 ppm > than 5% chance that Pb blood cld exceed 10 -> ^{Pb} 400 ppm is a long term health concern

Lead

Prop > 400 ppm Pb = 159

less than 30 prop w/ Pb problem also has As problem

Bonnie will send us data disk w/ hot spot

Did data QA report - will get both

Timeline

DRAFT BRA 8/24

DRAFT FS 9/30

DRAFT FINAL RI/BRA/FS 10/1

Proposed Plan

BRA - Have summarized in front - sees this doc. as the RI report + wants to just add the FS

**

Letter re: City request for list of names + addresses

Construction will start in Sept for clean-up at highly contam. prop. Pcos have been offered bio monitoring (Pb, As) hair, urine 23 properties - Have done ATSDR Fact sheet + letter for exposure reduction

twice

UBI70 wk Group

(7)

→ Marc Herman - OU2 → Smelters + PRP
OU2 will have 2 parts (Argo - O/G smelter)
RI/FS will be done by RP - ~~EPA~~ will for
Omaha-Grant → EPA will do Argo (OU3)
PRPs have not been designated yet.

Notification letters will be out by end Aug.
" " are an invitation for RPs to
enter into negotiation - letter describes
statement of work for process (Part of
Consent Decree) → After agreement by
RPs, negotiations will begin. Doesn't
know if there is any soil data at this time.

Boundaries for OU3 are not exact yet -
only show a general area → O/G ~~and~~
RPs need to investigate possible boundaries.
RI/FS for OU3 will lag behind ~~to~~ OU2 by
2 or 3 mos. Data collection will start
depending on negotiations w/ the RPs. Cld
be late fall or 2001 - wk group will be
able to comment on documents at mtgs
and in writing.

Jed - How proceed w/ wk Group mtg -
Need to take turns coordinating monthly
mtgs → CAR gone bc ~~is~~ being used to
re-test sub-chronic homes. Mark may
be able to fund CAR → Decision, action
items + concerns cld be reflected

8

in minutes → Resp - take agenda, ^{incl. time}
~~get mtg notes~~, arrange snacks → Ded
will arrange mtg space + facilitate

Ded wants us to set standard mtg
day + time (eg 3rd Thurs) of month
We agreed on 3rd Thurs for regular
mtg

Agenda → Barbara.DGrady@state.co.us for 9/17

★★ Need comments on RA + Cmty
Involvement plan by next mtg.